

## CHEM HELP *ASAP*

### Organic Chemistry Problem Set

#### Determining Formal Charges with Solutions

Instructions: Someone has drawn the Lewis dot structures below, but the formal charges have not been provided. Examine each second row element and determine the correct formal charge. Neutral atoms should not be labelled. Negative charges should be written as a minus within a circle. Positive charges should be written as a plus within a circle.

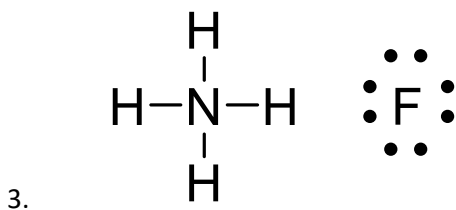
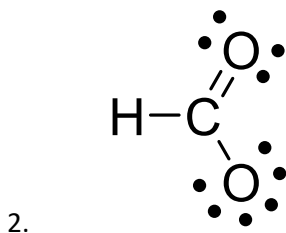
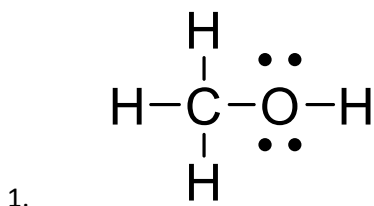
Suggested playlist:

[https://www.youtube.com/watch?v=FWRhYRYUVM&list=PLIzSRqjN72jdiM2f6Pb5sgqqlYHip\\_vNx](https://www.youtube.com/watch?v=FWRhYRYUVM&list=PLIzSRqjN72jdiM2f6Pb5sgqqlYHip_vNx)

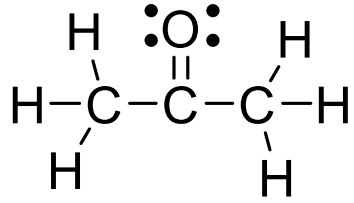
YouTube video of answered questions:

[https://youtu.be/P\\_SffybtgEk](https://youtu.be/P_SffybtgEk)

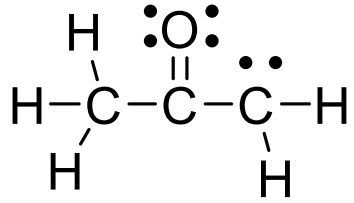
Questions:



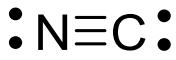
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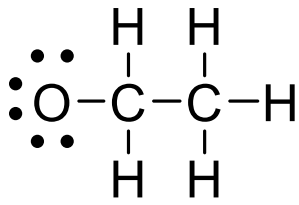
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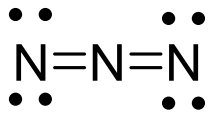
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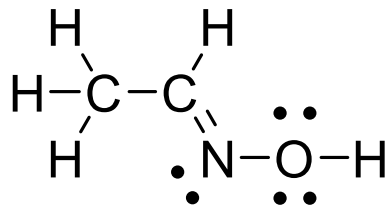
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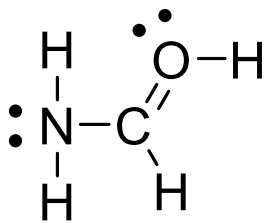
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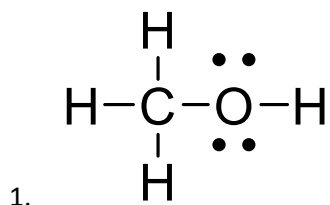
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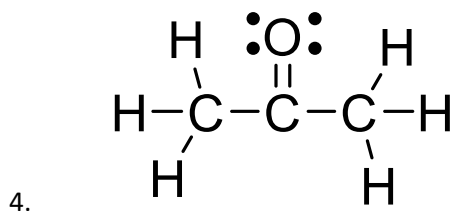
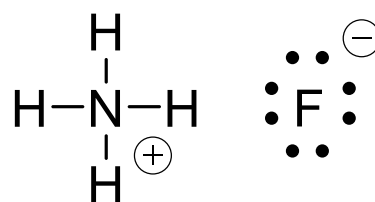
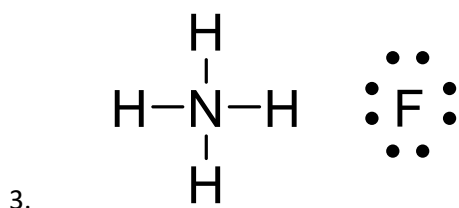
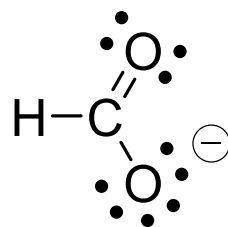
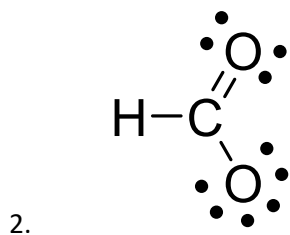
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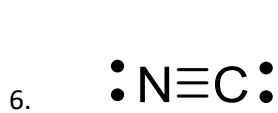
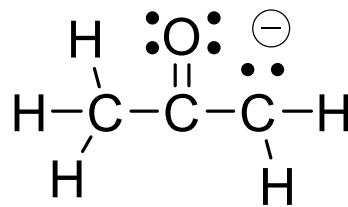
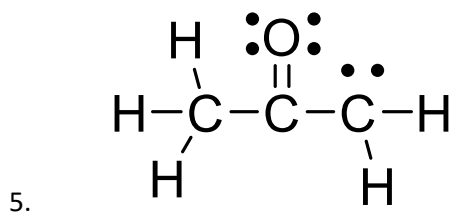
Solutions



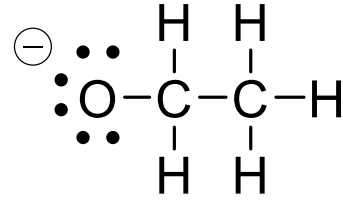
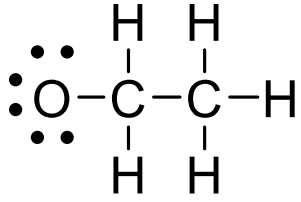
no formal charges



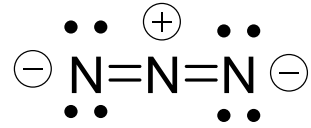
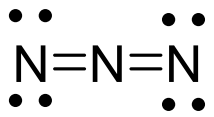
no formal charges



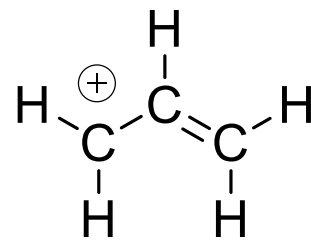
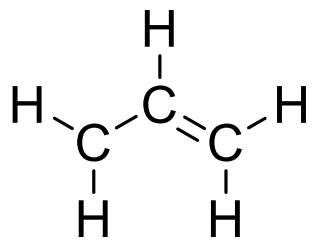
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